Message

From: Ohl, Matthew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5BDE479F1AB54A9EBC9541A7D452C3B7-MOHL]

Sent: 9/27/2021 3:38:04 PM

To: Julie Konzuk [JKonzuk@Geosyntec.com]

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Subject: Comments and Authorization to Proceed: Envirochem Biorecirculation Investigation Work Plan

Attachments: ECC Site Bio-Recirculation Investigation Work Plan FINAL September 3 2021.pdf

Julie,

The United States Environmental Protection Agency and the Indiana Department of Environmental Management have reviewed the Biorecirculation Investigation Work Plan and provide authorization to proceed with the investigation upon incorporation of the following comments.

- 1. A conservative tracer should be introduced when conducting the injection tests. The arrival of the tracer, presumably after startup of the system, would provide verification of flow paths and rough travel times.
- 2. The sampling method for the microbial analysis needs to specify how it will be obtained under anaerobic conditions.
- 3. The Quality Assurance Project Plan should be reviewed and updated as necessary.
- 4. Section 1.1, first paragraph, first sentence. Given one of the purposes of the work plan is to characterize potential deeper sources of contamination, include sampling at former sump locations.
- 5. Section 1.1, second paragraph, first sentence. Add "for further development" after the word "selected".
- 6. Section 3.2, first paragraph, second sentence. Remove duplicate phrase "of a minimum".

Thank you,

Matt

Matthew J. Ohl Remedial Project Manager United States Environmental Protection Agency 77 West Jackson Boulevard, SR-6J Chicago, IL 60604-3590

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From: Julie Konzuk < <u>JKonzuk@Geosyntec.com</u>>
Sent: Friday, September 3, 2021 2:47 PM

To: Ohl, Matthew <ohl.matthew@epa.gov>; Andrew A Gremos <agreenos@ramboll.com>

Subject: Envirochem: ECC Biorecirculation system pre-design investigation work plan

Matt,

Please find attached a work plan that outlines a proposed pre-design investigation program for the biorecirculation program proposed to be implemented at the ECC Site. This program has been developed to address some of the uncertainties identified by EPA in response to the RAA report and also to collect pre-design investigation necessary for design of the full-scale biorecirculation system. Please let me know if you have any issues with the file.

Have a great weekend.

Regards,

Julie

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